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PTO/SB/21
OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/855,294
Filing Date	05/15/2001
First Named Inventor	CROCE, et al.
Group Art Unit	1647
Examiner Name	Robert Clinton Hayes
Attorney Docket Number	08321-0197US1

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Fee Attached

<input type="checkbox"/> Amendment/Reply/
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)

<input type="checkbox"/> Extension of Time Request

<input type="checkbox"/> Express Abandonment Request

<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Response to Missing Parts/Incomplete Application
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) – Figs.

<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition

<input type="checkbox"/> Petition to Convert to a Provisional Application

<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Request for Refund

<input type="checkbox"/> CD, Number of CD(s)
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC

<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences

<input type="checkbox"/> Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)


<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Status Letter

<input type="checkbox"/> Other Enclosure(s)
(please identify below):
PTO 1449 with one (1) cited reference; Check in the amount of \$180.00 representing filing fee; Return Postcard. |
|---|--|--|

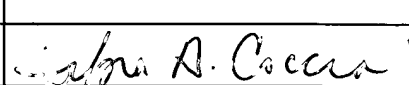
Remarks:

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Drinker Biddle & Reath LLP
Signature	
Printed Name	Daniel A. Monaco, Reg. No. 30,480
Date	January 11, 2005

CERTIFICATE OF EXPRESS MAIL

I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service via express mail label EV320479500US addressed to Mail Stop Amendment, U.S. Patent Office, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: **January 11, 2005.**

Typed or printed name	
Signature	
Date:	January 11, 2005

398595

EV320479500US

FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number 50-0573

Deposit Account Name Drinker Biddle & Reath LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee required under 37 CFR 1.16 and 1.17

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

EXTRA CLAIMS FEES FOR UTILITY AND REISSUE

Total Claims * -20** = 0 X * = \$0

Independent Claims * - 3** = 0 X * = \$0

Multiple Independent + 360/180 = \$0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee Code	Fee Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	**Reissue independent claims over original patent
1205	50	2205	25	**Reissue claims in excess of 20 and over original patent

**or number previously paid, if greater; For Reissue, see above

Complete if known

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Art Unit **1647**

Attorney Docket No. **08321-0197US1**

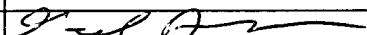
FEE CALCULATION (continued)

ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1503	1,100	2503	550	Plant issue fee	
1462	400	1462	400	Petition to the Commissioner - Group I	
1463	200	1463	200	Petition to the Commissioner - Group II	
1464	130	1464	130	Petition to the Commissioner - Group III	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	\$180
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

SUBMITTED BY CUSTOMER NO. 23973

Complete (if applicable)

Name (Print/Type)	Daniel A. Monaco	Registration No. (Attorney/Agent)	30,480	Telephone	(215) 988.2700
Signature		Date	January 11, 2005		



PATENT
Attorney Docket No.: 08321-0197US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Patent application of :
Carlo Croce, et al. :
Serial No. 09/855,294 : Group Art Unit:
1647 :
Filed: May 15, 2001 : Examiner:
Robert Clinton Hayes :
Confirmation No. 1905 :
For: CRYSTAL STRUCTURE OF WORM NITFHIT :
REVEALS THAT A NIT TETRAMER BINDS :
TWO FHIT DIMMERS :

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, submitted herewith are copies of the items listed in the accompanying Form PTO-1449.

The Examiner is respectfully requested to review the items listed on the attached form and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate Form 1449, and return one copy to the undersigned.

This Statement should not be construed as a representation that the cited references are material or that more relevant prior art does not exist.

01/14/2005 00000000 09855294

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<p align="center">CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10</p> <p>I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, via Express Mail, Airbill EV320479500US, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>BY <u><i>John A. Crocco</i></u></p> <p>DATE: <u>January 11, 2005</u></p>

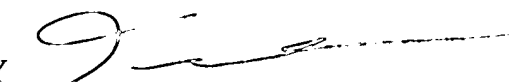
This Statement is being submitted after an office action on the merits following the filing of a request for continued examination. Thus, the fee under 37 C.F.R. 1.17(p) of \$180.00 is submitted with this paper. Please charge deposit account 50-0573 if a further fee is due.

The listed reference is the first reference in the list of international search report references from the corresponding international application PCT/US01/15664.

Respectfully submitted,

CARLO M. CROCE, ET AL.

BY



DANIEL A. MONACO

Reg. No. 30,480

DRINKER BIDDLE & REATH LLP

One Logan Square

18th and Cherry Streets

Philadelphia, PA 19103-6996

Tel.: (215) 988-3312

Fax: 215) 988-2757

Attorney for the Applicants

Date Filed: January 11, 2005

APPLN. NO. 09/855,294

FILING DATE: 05/15/2001

GROUP 1647

Examiner
Initials

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENT(S) *(Including Author, Title, Date, Pertinent Pages, etc.)*

- Examiner Signature:**

Date Considered: